WO 2005/032769

PCT/SE2004/001406

. 7

Claims.

- 1. Power tool, comprising a housing (10), an output shaft (11) driven by a rotation motor, and an angle drive (12) coupling the motor to the output shaft (11), said angle drive (12) comprises a drive spindle (15) coupled to the motor and carrying a pinion (16), and a bevel gear (17) mounted on the output shaft (11), said drive spindle (15) is axially supported relative to the housing (10) by a ball bearing (24) having an inner ring (31) and an outer ring (26), and an adjusting means (32,33) for setting the axial position of said drive spindle (15) and the pinion (16) relative to the bevel gear (17), characterized in that said outer ring (26) being axially secured relative to the housing (10), and
- said adjusting means (32,33) comprises
- a threaded portion (33) on said drive spindle (15),
- an internal thread (32) formed integrally with said inner ring (31) and arranged to co-operate with said threaded portion (33) on said drive spindle (15), and
- a coupling means (35) for rotationally locking said inner ring (31) relative to said drive spindle (15) as a desired axial position of said drive spindle (15) is obtained.
- Power tool according to claim 1, wherein said coupling means (35) comprises a number of axially directed coupling teeth (34) on said inner ring (31), an annular coupling element (35) provided with axially directed engagement teeth (39) for co-operation with said coupling teeth (34), and said coupling element (35) having radially inwardly directed teeth (36) for co-operation with splines (37) on said drive spindle (15).

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PCT/SE2004/001406

WO 2005/032769

8

- Power tool according to claim 1 or 2, wherein said coupling element (35) is axially locked by a lock ring (42) received in a circumferential groove (43) in said drive spindle (15).
- 4. Power tool according to claim 1, wherein said thrust bearing (24) is an angular contact ball bearing.
- 5. Power tool according to anyone of claims 1-4, wherein said pinion (15) is formed integrally as a one-piece member with said drive spindle (15).
- 6. Power tool comprising a housing, an output shaft (111) driven by a rotation motor, and an angle drive (112) coupling the motor to the output shaft (111), said angle drive (112) comprises a drive spindle (115) coupled to the motor and carrying a pinion (116), and a bevel gear (117) mounted on the output shaft (111), said drive spindle (115) is axially supported relative to the housing (110) by a thrust bearing (124) having an inner ring (131) and an outer ring (126), and an adjusting means (132,133) for setting the axial position of said drive spindle (115) and the pinion (116) relative to the bevel gear (117), c h a r a c t e r i z e d in that said inner ring (131) is rigidly secured to said drive spindle (115), and said adjusting means (132,133) comprises
 - a threaded portion (133) in the housing (110),
 - an outer thread (132) formed on and integrally with said outer ring (126), said thread (132) is arranged to co-operate with said threaded portion (133) in the housing (110), and
 - a coupling means (134,135) for rotationally locking said outer ring (126) relative to the housing (110) as a desired axial position of said drive spindle (115) is obtained.

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WO 2005/032769

PCT/SE2004/001406

5

- 7. Power tool according to claim 5, wherein said thrust bearing (124) is a deep groove ball bearing with a full number of uncaged balls, and said inner ring (131a, 131b) is divided into two halves.
- Power tool according to claim 5 or 6, wherein said coupling means (134,135) comprises at least two external axially directed grooves on said outer ring (126), and an annular lock element (135) having at least two radial teeth (136) for co-operation with said grooves, and at least two axially directed teeth (134) on the housing (110) which said lock element (135) is arranged to engage by deformation.
- 9. Power tool according to anyone of claims 6-8, wherein said pinion (116) is formed integrally as a one-piece member with said drive spindle (115).